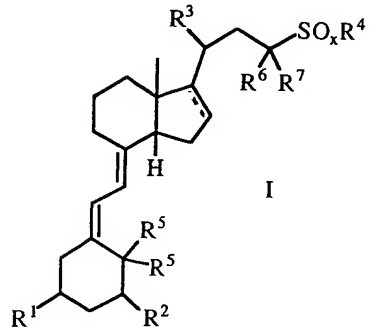
This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A compound of Formula I, and pharmaceutically acceptable salts, hydrates, solvates and prodrugs thereof:



I

wherein

R^1 and R^2 are independently selected from the group consisting of OH, OC_{1-4}alkyl, and halo;

R^3 is C_{1-4}alkyl;

R^4 is selected from the group consisting of aryl and heteroaryl with both aryl and heteroaryl being unsubstituted or substituted with 1-5 groups independently selected from C_{1-4}alkyl, hydroxy-substituted C_{1-6}alkyl, OC_{1-4}alkyl, OH, CF_3, OCF_3, halo, SH, SC_{1-}

$_4$alkyl, NH_2, nitro, NHC_{1-4}alkyl, $N(C_{1-4}alkyl)(C_{1-4}alkyl)$, CN, C(O)OH, $C(O)OC_{1-4}$alkyl, $C(O)NHC_{1-4}$alkyl, $CH=N-OC_{1-4}$alkyl, $NHC(O)C_{1-4}$alkyl, $OC(O)C_{1-4}$alkyl, SOC_{1-4}alkyl, SO_2C_{1-4}alkyl, SO_2NHC_{1-4}alkyl and SO_2NH_2;

R^5 are either both H or together form $=CH_2$;

R^6 and R^7 are ~~independently~~ both H~~, C_{1-4}alkyl~~ or are taken together to form a C_{3-6}cycloalkyl ring;

x is 0-2; and

---- represents a single or a double bond.

2. (Original) The compound according to claim 1, wherein R^1 and R^2 are independently selected from the group consisting OH, OCH_3, and fluoro.

3. (Original) The compound according to claim 2, wherein R^1 and R^2 are both OH.

4. (Original) The compound according to claim 1, wherein R^3 is CH_3.

5. (Previously presented) The compound according to claim 1, wherein R^4 is selected from the group consisting of unsubstituted and substituted phenyl, pyridyl, thienyl, furanyl and pyrrolo.

6. (Original) The compound according to claim 5, wherein R^4 is selected from unsubstituted or substituted phenyl.

7. (Original) The compound according to claim 1, wherein both aryl and heteroaryl are either unsubstituted or substituted with 1-3 groups independently selected from C_{1-4}alkyl, hydroxy-substituted C_{1-6}alkyl, OC_{1-4}alkyl, OH, CF_3, OCF_3, halo, SH, SC_{1-4}alkyl, NH_2, NHC_{1-4}alkyl, $N(C_{1-4}alkyl)(C_{1-4}alkyl)$, CN, C(O)OH, $C(O)OC_{1-4}$alkyl, $CH=N-OC_{1-4}$alkyl, $C(O)NHC_{1-4}$alkyl, $NHC(O)C_{1-4}$alkyl, $OC(O)C_{1-4}$alkyl, SOC_{1-4}alkyl, SO_2C_{1-4}alkyl, SO_2NHC_{1-4}alkyl and SO_2NH_2.

8. (Original) The compound according to claim 7, wherein both aryl and heteroaryl are either unsubstituted or substituted with 1-2 groups independently selected from methyl, 3-hydroxy-3-pentyl, methoxy, OH, CF_3, OCF_3, halo, NH_2, NMe_2 and CH=N-OMe.

9. (Original) The compound according to claim 8, wherein both aryl and heteroaryl are either unsubstituted or substituted with 1-2 groups independently selected from methyl, 3-hydroxy-3-pentyl, Cl, F and CH=N-OMe.

10. (Previously presented) The compound according to claim 6, wherein R^4 is selected from the group consisting of phenyl,

4-chlorophenyl, 3,4-dichlorophenyl, 4-fluorophenyl, 4-methylphenyl, 3,4-difluorophenyl, 4-(3-hydroxy-3-pentyl)phenyl, 4-(CH=N-OMe)phenyl, 4-methoxyphenyl, 4-trifluoromethylphenyl and 4-nitrophenyl.

11. (Withdrawn) The compound according to claim 10, wherein R^4 is selected from the group consisting of 4-chlorophenyl, 3,4-dichlorophenyl, 4-(3-hydroxy-3-pentyl)phenyl, 4-fluorophenyl and 4-methylphenyl.

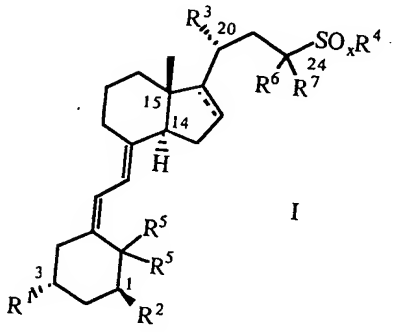
12. (Canceled).

13. (Currently amended) The compound according to claim ~~12~~ 1, wherein R^6 and R^7 are both H or are taken together to form a C_{3-4}cycloalkyl ring.

14. (Original) The compound according to claim 1, wherein x is 2.

15. (Original) The compound according to claim 1, wherein ---- represents a single bond.

16. (Currently amended) A compound of Formula I, and pharmaceutically acceptable salts, hydrates, solvates and prodrugs thereof:



I

wherein

R^1 and R^2 are independently selected from the group consisting of OH, OC_{1-4}alkyl, and halo;

R^3 is C_{1-4}alkyl;

R^4 is selected from the group consisting of aryl and heteroaryl with both aryl and heteroaryl being unsubstituted or substituted with 1-5 groups independently selected from C_{1-4}alkyl, hydroxy-substituted C_{1-6}alkyl, OC_{1-4}alkyl; OH, CF_3, OCF_3, halo, SH, SC_{1-4}alkyl, NH_2, nitro, NHC_{1-4}alkyl, $N(C_{1-4}alkyl)(C_{1-4}alkyl)$, CN, $C(O)OH$, $C(O)OC_{1-4}$alkyl, $C(O)NHC_{1-4}$alkyl, $NHC(O)C_{1-4}$alkyl, $OC(O)C_{1-4}$alkyl, SOC_{1-4}alkyl, SO_2C_{1-4}alkyl, SO_2NHC_{1-4}alkyl and SO_2NH_2;

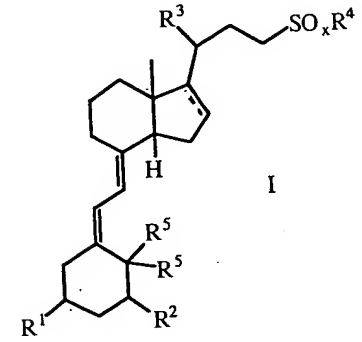
R^5 are either both H or together form $=CH_2$;

R^6 and R^7 are ~~independently~~ <u>both</u> H~~, C_{1-4}alkyl~~ or are taken together to form a C_{3-6}cycloalkyl ring;

x is 0-2; and

---- represents a single or a double bond.

17. (Previously presented) A compound of Formula I, and pharmaceutically acceptable salts, hydrates, solvates and prodrugs thereof:



I

wherein

R^1 and R^2 are independently selected from the group consisting of OH, OC_{1-4}alkyl, and halo;

R^3 is C_{1-4}alkyl;

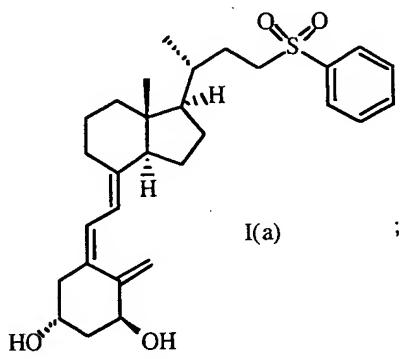
R^4 is selected from the group consisting of aryl and heteroaryl with both aryl and heteroaryl being unsubstituted or substituted with 1-5 groups independently selected from C_{1-4}alkyl, hydroxy-substituted C_{1-6}alkyl, OC_{1-4}alkyl, OH, CF_3, OCF_3, halo, SH, SC_{1-4}alkyl, NH_2, nitro, NHC_{1-4}alkyl, $N(C_{1-4}alkyl)(C_{1-4}alkyl)$, CN, $C(O)OH$, $C(O)OC_{1-4}$alkyl, $C(O)NHC_{1-4}$alkyl, $CH=N-OC_{1-4}$alkyl, $NHC(O)C_{1-4}$alkyl, $OC(O)C_{1-4}$alkyl, SOC_{1-4}alkyl, SO_2C_{1-4}alkyl, SO_2NHC_{1-4}alkyl and SO_2NH_2;

R^5 are either both H or together form $=CH_2$;

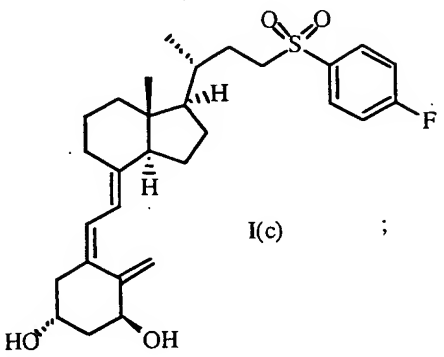
x is 0-2; and

---- represents a single or a double bond.

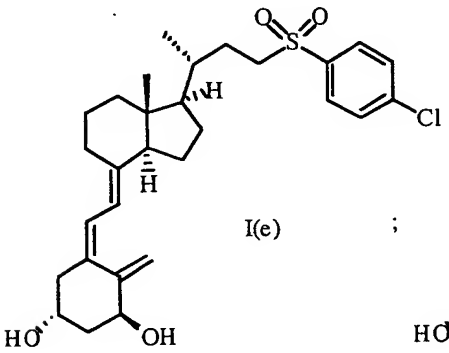
18. (Currently amended) The compound according to claim 1 selected from the group consisting of:



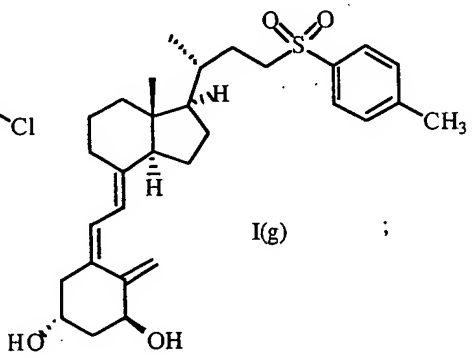
I(a) ;



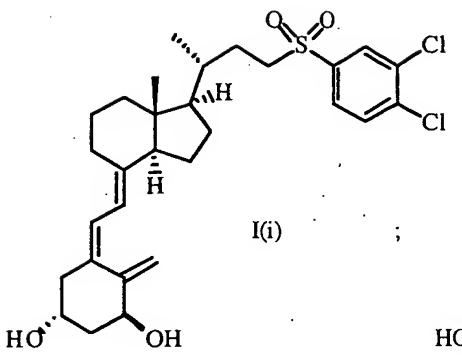
I(c) ;



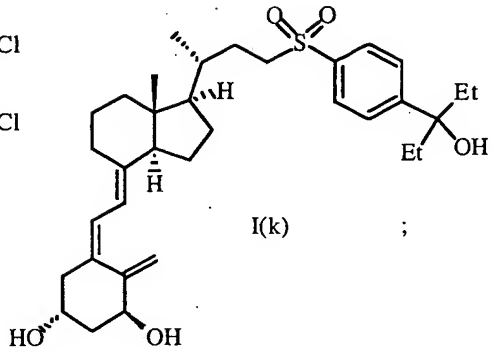
I(e) ;



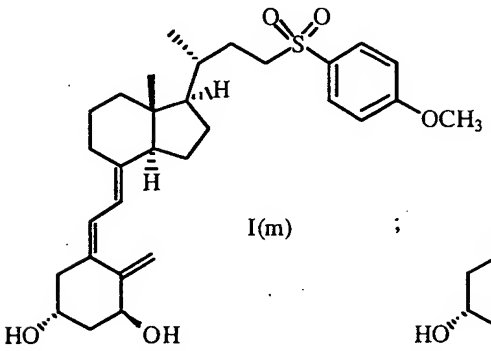
I(g) ;



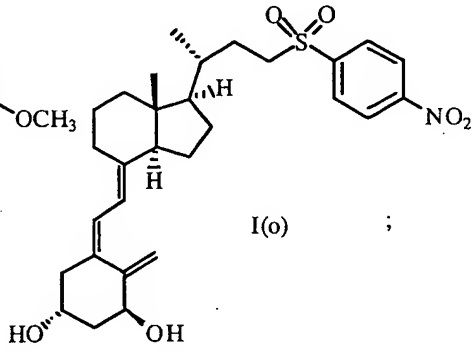
I(i) ;



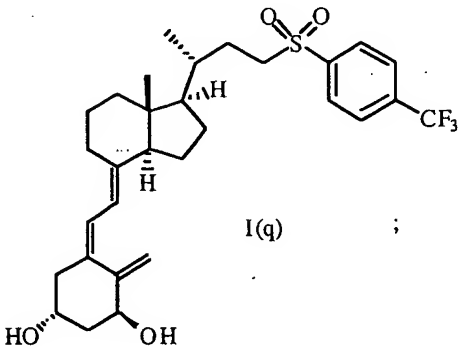
I(k) ;



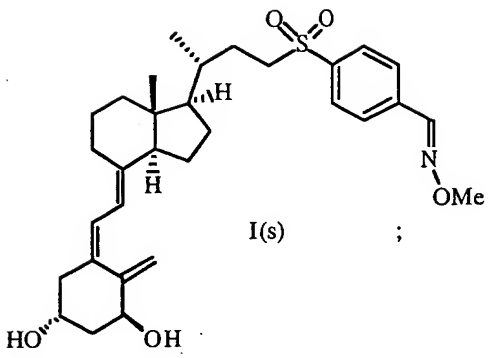
I(m) ;



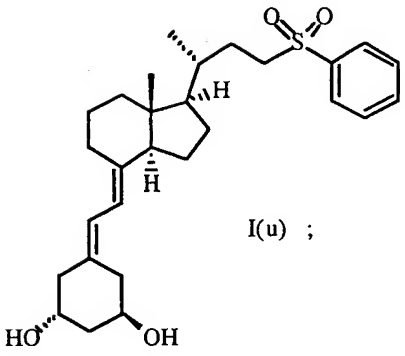
I(o) ;



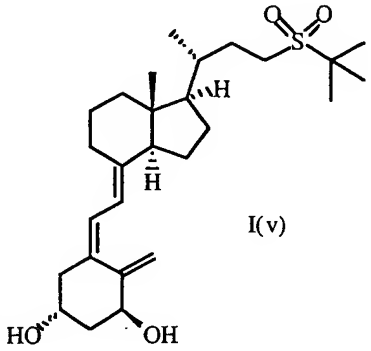
I(q) ;



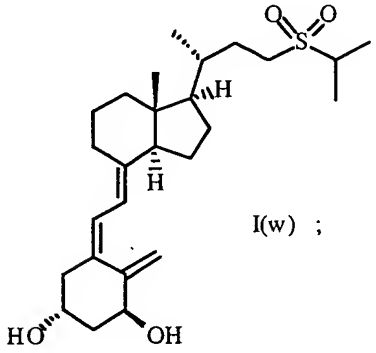
I(s) ;



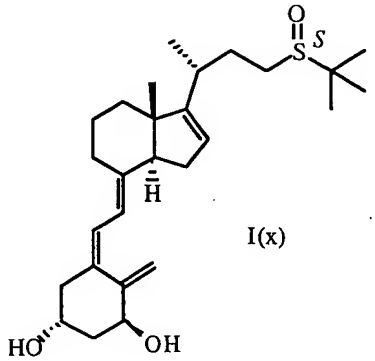
I(u) ;



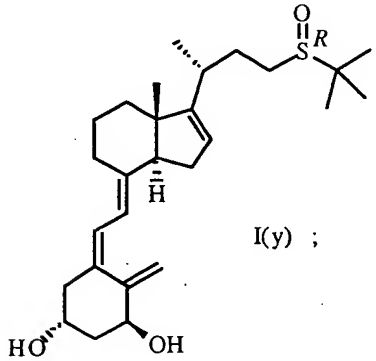
I(v) ;



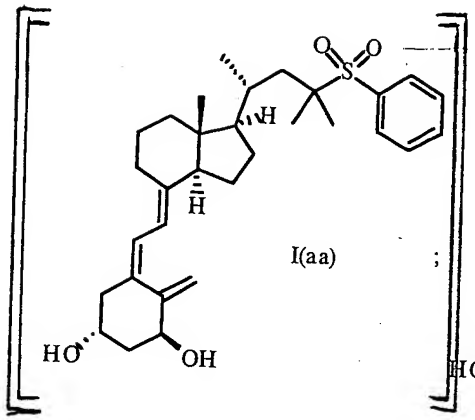
I(w) ;



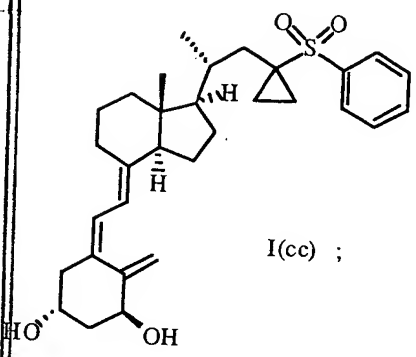
I(x) ;



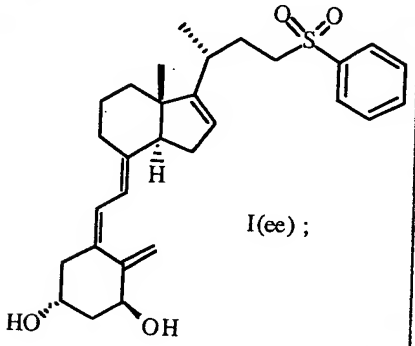
I(y) ;



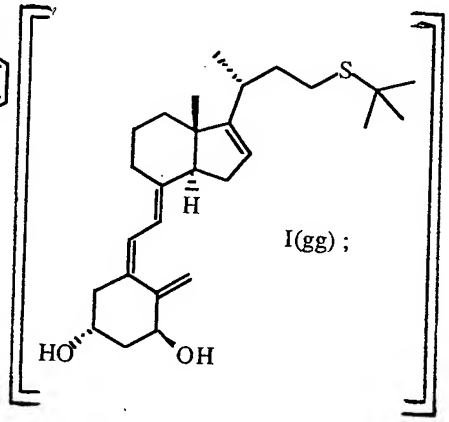
I(aa) ;



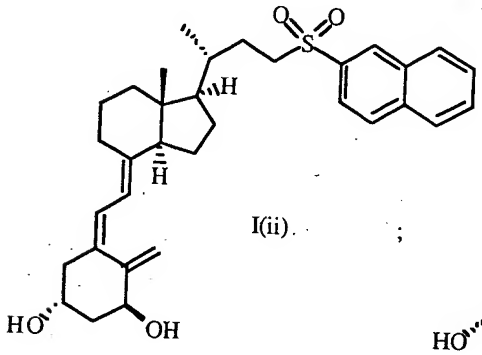
I(cc) ;



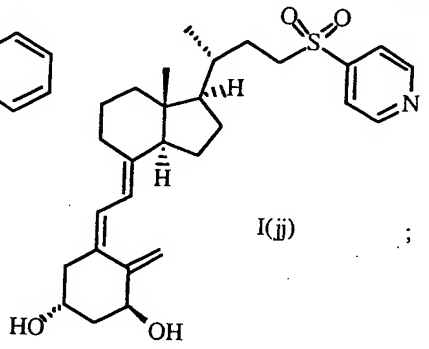
I(ee) ;



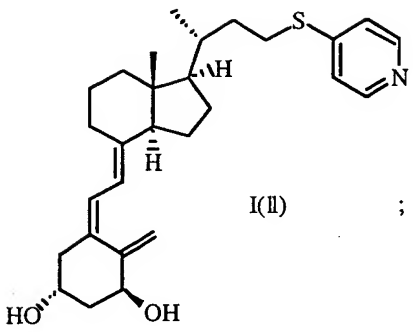
I(gg) ;



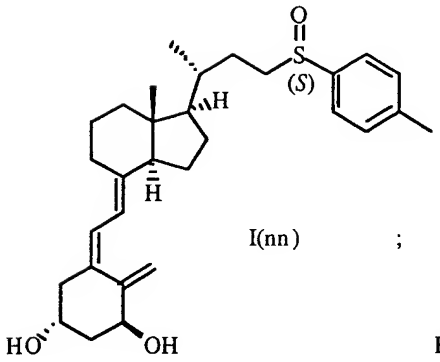
I(ii) ;



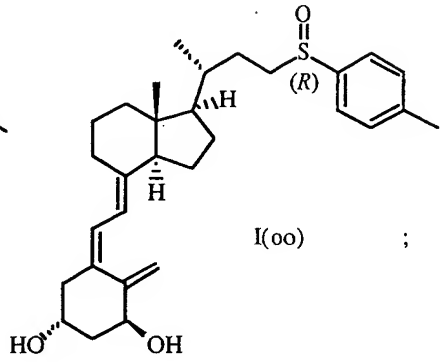
I(jj) ;



I(ll) ;



I(nn) ;



I(oo) ;

and pharmaceutically acceptable salts, hydrates, solvates and prodrugs thereof.

19. (Previously presented) The compound according to claim 18, selected from the group consisting of I(a), I(e), I(g), I(i), I(m), I(o), I(q), I(u), I(cc), I(ee), I(jj), I(ll), I(nn) and I(oo).

20. (Previously presented) The compound according to claim 18, selected from the group consisting of I(a), I(e), I(g), I(i), I(u), I(cc), I(ee), I(jj), I(nn) and I(oo).

21-22. (Canceled).

23. (Original) A pharmaceutical composition comprising a compound according to claim 1 and a pharmaceutically acceptable carrier.

24. (Withdrawn--currently amended) A method for treating ~~diseases which benefit from a modulation of the levels of 1α,25-dihydroxy vitamin D_3, or analogs thereof~~ a disease selected from the group consisting of cancer, dermatological disorders, parathyroid disorders, autoimmune disorders and bone disorders, comprising administering an effective amount of a compound according to claim 1 to a cell or animal in need thereof.

25-27. (Canceled).

28. (Withdrawn--currently amended) The method according to claim ~~27~~ 24, wherein the disease is selected from the group consisting of cancer, psoriasis, hyperparathyroidism, secondary hyperparathyroidism and osteoporosis.

29. (Withdrawn) A method of inhibiting cell proliferation and/or for promoting cell differentiation comprising administering an effective amount of a compound according to claim 1 to a cell or animal in need thereof.

30. (Withdrawn) The method according to claim 29, wherein the cell is a cancer cell.

31. (Withdrawn) The method according to claim 30, wherein the cancer is selected from breast cancer, lung cancer, prostate cancer, colon cancer, colorectal cancer, kidney cancer, head and neck cancer, pancreatic cancer, Kaposi's sarcoma and leukemia.

32. (Withdrawn) The method according to claim 29, wherein the cell is a skin cell.

33. (Withdrawn) The method according to claim 32, wherein the cell is a keratinocyte.

34. (Withdrawn) A method of inhibiting CYP24 activity in a cell by administering an effective amount of a compound according to claim 1 to the cell.

35-45. (Canceled).

46. (Withdrawn) A method for increasing the efficacy of a vitamin D receptor agonist comprising co-administering an effective amount of a compound according to claim 1 and an effective amount of a vitamin D receptor agonist to an animal or cell in need thereof.

47. (Withdrawn) A method of treating diseases comprising co-administering an effective amount of a compound according to claim 1 and an effective amount of a vitamin D receptor agonist to an animal or cell in need thereof.

48. (Withdrawn) The method according to claim 47, wherein the vitamin D receptor agonist is 1α,25-dihydroxy vitamin D_3 (calcitriol), or an analog thereof.

49. (Withdrawn) The method according to claim 47, wherein the disease is selected from the group consisting of cancer, dermatological disorders, parathyroid disorders, autoimmune disorders and bone disorders.

50. (Withdrawn) The method according to claim 49, wherein the disease is selected from the group consisting of cancer, psoriasis, hyperparathyroidism, secondary hyperparathyroidism and osteoporosis.

51. (Withdrawn) The method according to claim 50, wherein the disease is cancer.

52. (Withdrawn) The method according to claim 51, wherein the cancer is selected from the group consisting of breast cancer, lung cancer, prostate cancer, colon cancer, colorectal cancer, kidney cancer, head and neck cancer, pancreatic cancer, Kaposi's sarcoma and leukemia.

53-60. (Canceled).

61. (Withdrawn) A method of treating cancer comprising administering an effective amount of a compound according to claim 1 in combination with one or more therapies or therapeutics to treat cancer.

62. (Withdrawn) The method according to claim 61, wherein the one or more therapies or therapeutics to treat cancer are selected from the group consisting of surgery, radiation, chemotherapy and biotherapy.

63. (Withdrawn) A method of treating psoriasis comprising administering an effective amount of a compound according to claim 1 in combination with one or more therapies or therapeutics to treat psoriasis.

64. (Withdrawn) The method according to claim 63, wherein the one or more therapies or therapeutics to treat psoriasis are selected from the group consisting of ultraviolet B radiation, chemotherapy and biotherapy.

65-67. (Canceled).